

SPECIFICATION

BE IT KNOWN, that I, Donald V. Edwards, a citizen of the United States of America, residing at 28 Government Road, Irwin, PA 15642, have invented certain new and useful improvements in:

APPARATUS AND METHOD FOR REMOVING CARPET DEPRESSIONS

of which the following is a specification.

APPARATUS AND METHOD FOR REMOVING
CARPET DEPRESSIONS

FIELD OF THE INVENTION

The present invention pertains to hand tools, and more particularly, to a hand tool and
5 a method for applying the hand tool to remove depressions in carpet fibers.

BACKGROUND OF THE INVENTION

After furniture has been resting upon a carpeted surface for a considerable period of
time and thereafter moved, depressions or dimples remain in the carpet pile which are considered
to be unsightly. In order to remove these depressions in the carpet fibers, one normally tries to raise
10 the carpet fibers by working an implement, such as a card or spoon, or ones fingers, over the
depressed fibers. However, the results are insufficient and inadequate.

It is a principal object of the present invention to provide a tool which will minimize
these inadequacies and provide an apparatus and method for adequately removing the carpet
depressions.

SUMMARY OF THE INVENTION

The hand tool of the present invention is provided for assisting in the removal of carpet depressions and is comprised of a stiff wire probe shaft having a point at one end and a handle at the other end for manipulation of the tool. The wire probe shaft has at least one bend in it in a common plane. This bend may be a single continuous bend or in another embodiment the wire probe shaft may be provided with two bends in a common plane whereby the tool has three segments separated by the two bends comprised of an upturned proximal handle segment, an upturned distal pointed segment and an intermediate horizontal segment. Each of these bends are approximately 30°, although the exact angle of the bend is not critical.

The handle portion is comprised of U-shaped bend in the wire probe shaft with a plastic sleeve snugly received over the U-shaped portion.

The tool is applied by penetrating the pointed end of the wire probe through the carpet adjacent the depression to be removed and then the bent wire probe is manipulated to position the pointed end under the depression. The tool is further manipulated to raise the depressed area of the carpet pile with the probe point and then the depressed carpet fibers in the depression are brushed while this depressed area is raised in order to raise the depressed fibers. Thereafter the bent wire probe or tool of the present invention is removed. The procedure may be repeated at different positions of insertion into the carpet as required.

If the carpet includes underlying carpet pads, then it is preferable that the tool pointed end penetrate both the carpet and the underlying carpet pad.

BRIEF DESCRIPTION OF THE DRAWINGS

Other objects and advantages appear hereinafter in the following description and
5 claims. The accompanying drawings show, for the purpose of exemplification, without limiting the scope of the invention or appended claims, certain practical embodiments of the present invention wherein:

FIG. 1 is a view in side elevation of one embodiment of the tool of the present
invention;

10 FIG. 2 is a top view of the tool shown in FIG. 1;

FIG. 3 is a view in side elevation of a second embodiment of the tool of the present
invention; and

FIG. 4 is a view in side elevation, shown partially in vertical cross section, illustrating
the use of the tool of FIGS. 1 and 2 in employing the method of the present invention for removal
15 of carpet fiber depressions.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS

Referring to FIGS. 1 and 2, the tool 10 of the present invention includes a stiff wire probe shaft 11 having a point 12 at one end and a handle 13 at the other end for manipulation of the tool. The wire probe shaft 11 is provided with at least one bend in a common vertical plane, and the tool 10 illustrated in the embodiment of FIG. 1 is provided with two bends 14 and 15. These two bends are in a common vertical plane whereby the tool has three segments separated by bends 14 and 15, comprised of an upturned proximal handle segment 16, an upturned distal pointed segment 17, and an intermediate horizontal segment 18. These bends are each approximately 30° and this shape of the tool permits proper manipulation of the tool to carry out the method of the present invention as discussed in more detail hereinafter. The handle 13 is comprised of a U-shaped bend 19 in the wire probe shaft 11 with a plastic sleeve 20 snugly received thereover.

The embodiment of FIG. 3 serves the same function and purpose, however, only one continuous bend 21 is provided in the wire probe shaft 11, the bend being applied only in one single common vertical plane.

Referring to FIG. 4, implementation of the tool 10 of the present invention is illustrated. This figure illustrates the method of the present invention for removing an indentation or depression area 22 of the carpet pile fibers 23 which has been left by a furniture leg which previously rested on the carpet 24. The pointed end 12 of the wire probe shaft 11 is penetrated through the carpet 24 at a point 25 adjacent the depression 22 in the fibers 23 to be removed, and

then penetration is continued on through the underlying foam carpet pad 26. The tool is then manipulated with handle 16 to position the pointed end 12 of the probe shaft 11 under the depression 22. The bent wire probe shaft 11 is further manipulated against the floor surface 26 to raise the depressed area 22 of the carpet with the probe point 12 as illustrated in FIG. 4. While the carpet depression 22 is in this raised position, then one brushes the depressed carpet fibers in the area of the depression 22 while raised as indicated to raise the depressed fibers therein. This brushing may be accomplished by using a spoon, a card, or ones fingers. The bent wire probe shaft 11 is then removed and this procedure may be repeated as required by inserting the pointed end 12 of the probe 11 at different points adjacent the depression 22 and thereby repeating the procedure by raising different areas of the depression 22 and scraping until the depressed area of fibers is completely removed.